

Regional Development Forum 2008

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Overview of Caribbean Telecommunications Union: Spectrum Management Policy Reform Project

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Overview

- Description of Spectrum Management Policy Reform Project.
- Areas for spectrum management standardisation in the Caribbean.
- Resources required to facilitate standardisation.

Spectrum Management Policy Reform - 1

- Commenced in October 2005 following directive of the CTU General Conference of Ministers for:
 - Reform of existing policies to reflect the evolution of wireless technologies and the needs of the Member States.
 - Harmonisation of policies and procedures in licensing, allocation, assignment and pricing of radio frequency spectrum.

Spectrum Management Policy Reform - 2

■ Key Objectives:

- ➔ Harmonisation of policies to promote the most efficient, effective and productive use of spectrum across the Caribbean.
- ➔ Promotion of non discriminatory access to spectrum.
- ➔ Development of an indicative table of frequency allocations, consistent with the ITU Region 2 Table of Frequency Allocation for use in the Caribbean.

Spectrum Management Policy Reform - 3

- Key Objectives (cont'd...):
 - Incorporation of mechanisms for monitoring and sharing information relating to spectrum use.
 - Recognition of public health and safety issues.

Spectrum Management Policy Reform - 4

- Methodology:
 - ➔ Canadian and EU development financing.
 - ➔ Multi-stakeholder consultations.
 - ➔ Establishment of Spectrum Management Task Force (multi-stakeholder) and Steering Committee.
 - ➔ Radio Frequency Spectrum Audits and Recommendations.

Spectrum Management Policy Reform - 5

■ Outputs:

- ➔ Capacity Building training programmes.
- ➔ Spectrum Audit Report.
- ➔ Caribbean SM Policy Framework (Finalized in Oct. 2007).
<<http://ctu.int/ctu/Default.aspx?tabid=78>>
- ➔ Development of Caribbean Table of Frequency Allocations.

Spectrum Management Policy Reform - 6

■ 2008 Activities:

- ➔ Final review and adoption of Spectrum Management Policy Framework.
- ➔ Establish sustainability of SMTF.
- ➔ Promote implementation of spectrum audit recommendations.

Spectrum Management Policy Reform - 7

- 2008 Activities (cont'd...):
 - ➔ Progress Caribbean table of frequency allocations (post WRC-07).
 - ➔ Focus on policies for emerging technologies e.g. digital broadcasting, Broadband Wireless Access, IMT, etc.

Spectrum Management Policy Reform - 8

- Standardisation Requirements:
 - ➔ Frequency Allocation and Allotment.
 - ➔ Frequency Assignment and Licensing.
 - ➔ Mutual Recognition Agreements (MRA):
 - Equipment Certification.
 - Operator Certification (e.g. Amateur Radio Operators).

Spectrum Management Policy Reform - 9

- Standardisation Requirements (cont'd...):
 - ➔ Disaster Preparedness (Communications Harmonization).
 - ➔ Public Health and Safety.
 - ➔ Spectrum Monitoring and Testing.
 - ➔ Broadcast:
 - Analog-to-Digital Switchover.
 - Interference Mitigation.

Spectrum Management Policy Reform - 10

- Resources required for Standardisation:
 - ➔ Expertise:
 - Spectrum Auditors.
 - Policy Reform and Transformation.
 - ➔ Available Best Practices:
 - Establishing MRA.
 - ➔ Spectrum Monitoring and Test Systems.

The CTU is committed to



Thank You